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SP 2124
11-19-03 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of)

SHARMA et al.)

Application No: 09/846,067)

Filed: April 30, 2001)

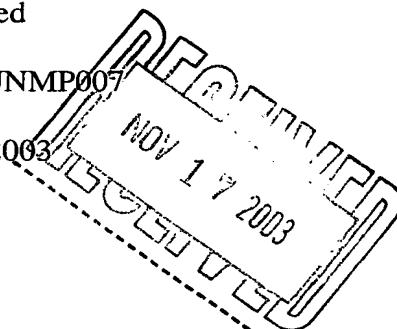
For: METHOD AND APPARATUS
FOR UPGRADING MANAGED
APPLICATION STATE FOR A JAVA
BASED APPLICATION)

Group: Unassigned

Examiner: Unassigned

Atty. Docket No: SUNMP007

Date: November 4, 2003



CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on November 4, 2003.

Signed: _____

Kay Harlow

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97(e)

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Technology Center 2100

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

A statement is hereby made that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. (37 CFR 1.97(e)(1)). A copy of an International Search Report is enclosed herein. If it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-0805 (Order No. SUNMP007).

Respectfully submitted,
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Attorney Docket No: SUNMP007

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| Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary) | Attorney Docket No: U.S. SUNMP007 Applicant: Sharma et al. Filing Date: Group: April 30, 2001 Unassigned |
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U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class |
|------------------|-----|------------|------|----------|-------|-----------|
| | A | | | | | |
| | B | | | | | |
| | C | | | | | |
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Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Date | Country or Patent Office | Class | Sub-class | Translation | |
|------------------|-----|--------------|------|--------------------------|-------|-----------|-------------|----|
| | | | | | | | Yes | No |
| | J | | | | | | | |
| | K | | | | | | | |
| | L | | | | | | | |

Other Documents

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
|------------------|-----|--|
| | M | Anderson, "A Deployment System for Pervasive Computing", Dept. of Computer and Information Science, p. 262-270, 2000 IEEE, jesan@ida.liu.se |
| | N | Armstrong, "How to Implement state-dependent behavior", JavaWorld, Aug. 1997, XP-002246628, JavaWorld.com |
| | O | Unknown, "Cleaning Up Unused Objects", XP-002249877, 1/8/01, The Java TM Tutorial, web.archive.org/web/2001...ava/data/garbagecollection.com |
| | P | Anderson and Ritzau, "Dynamic Code Update in JDRUMS", XP-002249737, 06/2000, School of Mathematicss and Systems Eng., Sweden, and Dept. of Computer and Information Service, Sweden. |
| | Q | Ritzau and Anderson, "Dynamic Deployment of Java Applications", The Embedded Systems Show, London, May 24-25, 2000, XP-002249738. |
| Examiner | | Date Considered |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.